

TELECOPY/FACSIMILE TRANSMISSION



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COMMENTS:

Pursuant to our discussion, enclosed is the proposed examiners amendment, to place the claims in condition for allowance.

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April 6, 1998

Dear Ms. Dreger,

Enclosed is a proposed examiners amendment for your review in application SN 08/635,130. These amendments would place the claims in condition for allowance, pending an interference search.

Sincerely,

Patricia A. Duffy
Exr. Patricia A. Duffy

In the claims:

Claim 3. (Twice amended) An isolated nucleic acid, comprising:
a nucleotide sequence encoding the amino acid sequence for mature AL-2l of [in] SEQ ID NO:2,
a nucleotide sequence encoding the amino acid sequence for mature AL-2s of [in] SEQ ID NO:4, or
a nucleotide sequence encoding the extracellular domain of AL-2 as set forth by amino acids 27-219 of [in] SEQ ID NO:2.

Claim 7. (Twice amended) The isolated nucleic acid of claim 3, wherein the AL-2 extracellular domain as set forth by amino acids 27-219 of SEQ ID NO:2 is [joined] fused to an immunoglobulin amino acid sequence.

Canceled claim 8.

Claim 13. (Twice amended) The expression vector of claim 12, wherein the nucleic acid comprises:
a nucleic acid of SEQ ID NO:1 that encodes mature AL-2l,
a nucleic acid sequence of SEQ ID NO:3 that encodes mature AL-2s, or
a nucleic acid sequence of nucleotides 322-900 of SEQ ID NO:1 that encodes AL-2 extracellular domain.

Claim 15. (Twice amended). The host cell of claim 14, wherein the vector comprises:
a nucleic acid of SEQ ID NO:1 that encodes mature AL-2l,
a nucleic acid sequence of SEQ ID NO:3 that encodes mature AL-2s, or
a nucleic acid sequence of nucleotides 322-900 of SEQ ID NO:1 that encodes AL-2 extracellular domain.

Claim 17. (Twice amended) A process which comprises transforming a host cell with an expression vector of claim 12 capable, in the host cell transformed with the vector, of expression the nucleotide sequence that encodes a polypeptide comprising the amino acid sequence for mature AL-2l, mature AL-2s or AL-2 extracellular domain, and culturing the transformed host cells under conditions such that the AL-2 polypeptide is synthesized.

Claim 40. (Once amended) The isolated nucleic acid of claim 3, comprising:
a nucleic acid sequence of SEQ ID NO:1 that encodes mature AL-2l,
a nucleic acid sequence of SEQ ID NO:3 that encodes mature AL-2s, or
a nucleic acid sequence of nucleotides 322-900 of SEQ ID NO:1 that encodes AL-2 extracellular domain.

Added the following new claims.

--Claim 41. The isolated nucleic acid of claim 3, wherein the AL-2l amino acid sequence is fused to an immunoglobulin amino acid sequence.

Claim 42. The isolated nucleic acid of claim 3, wherein the AL-2s amino acid sequence is fused to an immunoglobulin amino acid sequence.--